

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-35. (Canceled).

36. (Previously Presented) A method for applying a coating to a medical appliance comprising the steps of:

- placing the medical appliance in a supporting device;
- placing a first agent into a first chamber connected to a first solenoid fluid dispensing head;
- transporting the first agent from the first chamber to the first solenoid fluid dispensing head;
- moving the first solenoid fluid dispensing head with respect to the medical appliance; and
- forcing the first agent from the first solenoid fluid dispensing head onto the medical appliance to form a first coating.

37. (Previously Presented) The method of claim 36 further comprising:

- forcing a second agent from a second solenoid fluid dispensing head onto the medical appliance to form a second coating.

38. (Original) The method of claim 37 wherein the moving and forcing are modulated so that the first coating and the second coating each have a thickness that varies as a function of position on the medical appliance.

39. (Original) The method of claim 37 wherein at least one of the first coating and the second coating is a masking material.

40. (Currently Amended) The method of claim 37 wherein at least one of the first coating and the second coating communicates information about the medical appliance to an exterior of a body after implanting the medical appliance in the body.

41. (Previously Presented) The method of claim 37 wherein at least one of the first agent and the second agent includes at least one of:

a drug suspended in a polymer, a non-thrombogenic agent, a lubricious material, a non-slippery material, a radioactive agent, and a magnetic material.

42. (Previously Presented) The method of claim 37 wherein the first solenoid fluid dispensing head and the second solenoid fluid dispensing head are in fluid communication with a common nozzle.

43. (Original) The method of claim 37 wherein at least one of the first coating and the second coating includes a radiopaque agent.

44-46. (Canceled).

47. (Previously Presented) The method of claim 36 wherein the moving and forcing are modulated so that the first coating has a thickness that varies as a function of position on the medical appliance.

48. (Currently Amended) The method of claim 36 wherein the first coating communicates information about the medical appliance to an exterior of a body after implanting the medical appliance in the body.

49. (Previously Presented) The method of claim 36 wherein the first agent includes at least one of:

a drug suspended in a polymer, a non-thrombogenic agent, a lubricious material, a non-slippery material, a radioactive agent, and a magnetic material.

Appl. No. 10/737,256
Reply to Office Action of July 1, 2004

50. (Previously Presented) The method of claim 36 wherein the first coating includes a radiopaque agent.
51. (Currently Amended) The method of claim 37 [[36]] wherein the second coating includes a corrosive material that etches the medical appliance.
52. (Previously Presented) The method of claim 36 wherein the first agent includes a therapeutic agent.
53. (Previously Presented) The method of claim 37 wherein the second agent includes a therapeutic agent.
54. (Previously Presented) The method of claim 36 wherein the moving of the first solenoid fluid dispensing head with respect to the medical appliance includes rotating by the first solenoid fluid dispensing head around the medical appliance.
55. (Previously Presented) The method of claim 36 wherein the moving of the first solenoid fluid dispensing head with respect to the medical appliance includes rotating the medical appliance with respect to the first solenoid fluid dispensing head.